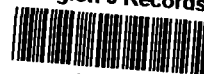




EPA Region 5 Records Ctr.



230131

February 10, 2005

Mr. Nabil S. Fayoumi  
U. S. EPA - Region 5  
77 West Jackson Boulevard (SR-6J)  
Chicago, Illinois 60604-3590

**Re: Sauget Sites Area I - January 21, 1999 Administrative Order by Consent (AOC)  
Monthly Report January 1 – January 31, 2005**

Dear Mr. Fayoumi,

Enclosed is the Sauget Sites Area I Monthly Report for the January 2005 reporting period. This submittal is in fulfillment of the monthly requirements of Section 2.4 Reporting, of the January 21, 1999 Final Administrative Order by Consent for Sauget Sites Area I, Sauget and Cahokia, Illinois.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven D. Smith". The signature is fluid and cursive, with a large, sweeping "S" at the beginning.

Steven D. Smith  
Project Coordinator

cc: Kevin Turner – USEPA  
Tim Gouger - USACE  
Sandra Bron - IEPA  
Dave Webb - IDPH  
Mike Coffey - USF&W  
Richard Williams - Solutia  
Cathleen Bumb - Solutia  
Mayor Frank Bergman - Cahokia, IL  
Village of Sauget - c/o P. H. Weis & Associates (Attn: Brian Nelson)  
Mayor R. Sauget - Sauget, IL  
L. Glen Kurowski - Monsanto  
Linda Tape - Husch & Eppenberger

# **Sauget Sites Area I - Sauget, Illinois**

## **AOC - EECA / RIFS**

### **Status Report**

**Date of Report:** February 10, 2005  
**Period Covered:** January 1, 2005 - January 31, 2005

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### **Work Performed during the Reporting Period**

#### **DNAPL Investigation**

The final DNAPL Investigation Work Plan was submitted to the Agencies on April 20, 2004. The schedule for completion of the study, originally set for June 23, 2004, was revised to December 17, 2004. Due to the additional requirement for the preparation of a "Summary Report with Proposed Locations for Soil Borings / Piezometers", and review and approval of this document, the schedule for completion was extended to January 21, 2005.

Field work began on Task 2 of the Work Plan on May 10, 2004. This task required the surveying of approximately 57 existing wells for the presence of NAPL and, if detected, the sampling of any such material. The well survey was completed on May 20, 2004.

Field activities for Task 3, the seismic reflection survey, began on June 7<sup>th</sup> and were completed on June 30<sup>th</sup>. Limited clearing operations at Site G along the pathways of the seismic survey grid were necessary because the site is heavily vegetated. The clearing operations were conducted between June 24 and June 26. During the work, the contractor encountered two very small areas with surficial waste materials and reported this finding. The areas were inspected and the findings with the Agency. It was agreed that the waste materials would be sampled and that a temporary cover would be placed over the areas. Samples were obtained on July 1<sup>st</sup> and the unvalidated results of the laboratory analyses of these samples were reported to the Agency on July 29<sup>th</sup>. Validated results were submitted on August 11, 2004. The temporary covers were constructed on July 7<sup>th</sup> and July 8<sup>th</sup>. Both covers consist of a synthetic membrane covered by approximately one foot of clean soil.

A report summarizing the results of the existing well survey and the preliminary results of the geophysical survey was submitted to the EPA on August 13, 2004. Based on the preliminary interpretation of the bedrock topography from the seismic investigation data, the report also included proposed locations for 18 new wells to be installed during Task 4

of the investigation. Some of these proposed locations were later revised in response to minor changes in the interpretation of the bedrock surface topography.

Well installation began on September 10 and was completed on October 14<sup>th</sup>. Field activities for Task 5, NAPL survey and recovery tests, were completed on October 30<sup>th</sup> and the report was submitted to the Agency as scheduled on January 21<sup>st</sup>, 2005.

It was agreed that a meeting to present and discuss the results of the investigation will be held after the submission of the final report. That meeting remains to be scheduled.

### **Attachments**

There are no Technical Memoranda or data submitted with this report.

### **Work Scheduled for Next Reporting Period**

- Schedule a meeting with the Agency to discuss the results of the DNAPL investigation and report..

### **Submittal Schedule Status**

The DNAPL investigation report was submitted on January 21, 2005. No additional submittals are presently scheduled.